

ABSTRACT OF THE DISCLOSURE (Revised)

An image processing technology for eliminating a line-shaped image object, which overlaps with a moving image object in one image comprising effective or ineffective pixels, from the moving image object. The technology includes a line segment extraction step for extracting a line segment from the line-shaped image object, an elimination step for eliminating the line-shaped image object from the moving image object, a pixel extraction step for scanning a vicinity region of the line segment on the moving image object and sequentially extracting pixels to be scanned, an effective pixel determination step for determining if the extracted pixels to be scanned are effective pixels, and a pixel interpolation step for dropping a perpendicular from the pixels to be scanned are determined to be the effective pixels at the effective pixel determination step toward a nearest line segment and setting all pixels on the perpendicular as the effective pixels.